Recreational Use Attainability Analysis

Cover Sheet

Water	Body Name: Clear Creek 2		
Water	Body Identification #:1631		
Comen	loded TIAA Charletta		
-	leted UAA Checklist:		
	Pre-Field Preparatory Data Sheet Maps with actual survey sites marked		
	Data Sheet A		
	Data Sheet $B - 3$ of 3 pages for each site		
J	o Number of Sites:6		
G	Data Sheet C (if applicable)		
	o Number of Interviews:		
G	Photographs		
	 Quantities 		
	■ Upstream		
	■ Downstream		
	• Other <u>3</u>		
r 41			
i, ine u ie truo	indersigned, hereby affirm to the best of my kno and accurate.	wledge, that al	Il information reported in this UAA
is ti uc	and accurate.		
Signed		_Date:/0/	03/2006
Printed	Name: Cocin Hill		410-356-8993
Organi	zation: Tetra Tech, Inc.	_ Position:	Scientist

<u>Pre-Field Preparatory Data Sheet</u> <u>for Recreational Use Stream Surveys</u>

Water Body Name: Clear Creek 2 (from USGS 7.5' quad)

8-digit HUC: 10300200 Missouri Water Body Identification (WBID) #: 1631

County: Montgomery

Upstream Legal Description: Mouth

Downstream Legal Description: 36, 49N, 06W

Discharger Facility Name(s): Montgomery City Clear Cr

Discharger Permit Number(s): MO0127124

Weather Conditions for Past 7 days: (FAR + 70-75° F

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest.

WBID # 63 Site # _____

Date: 10 / 08 / 7000

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

Water Body Name: Clear Creek 2

WBID #: 1631

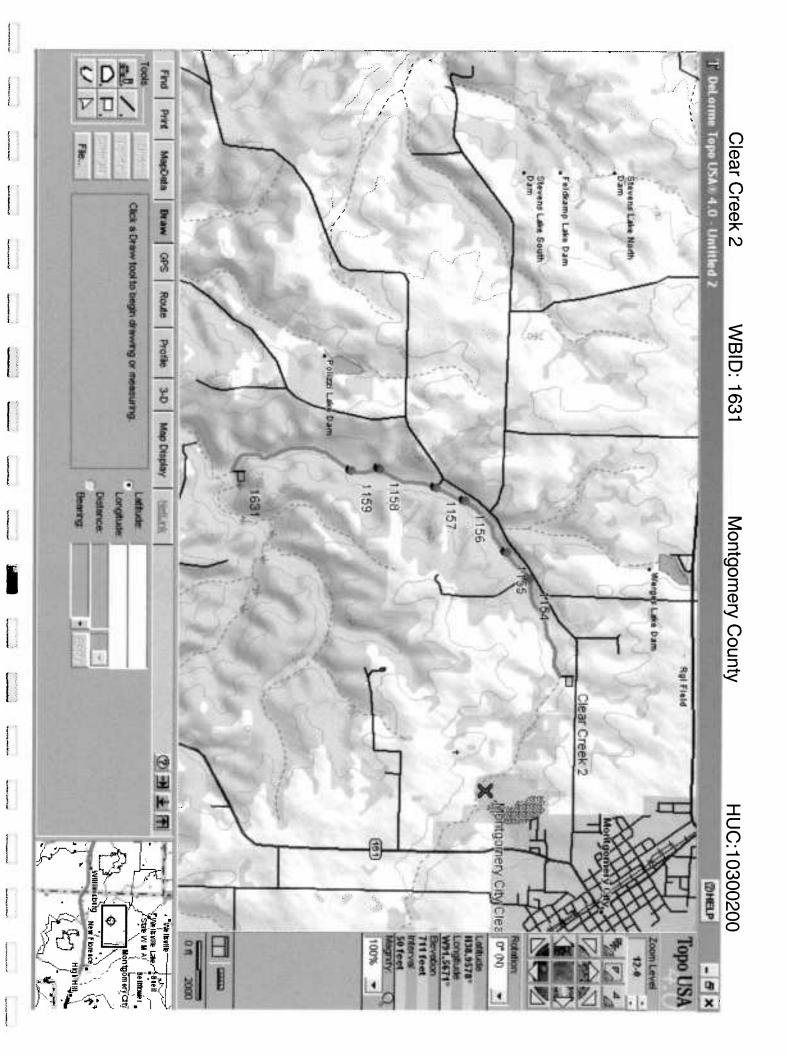
Upstream Coordinates: 38.97060 -91.54471

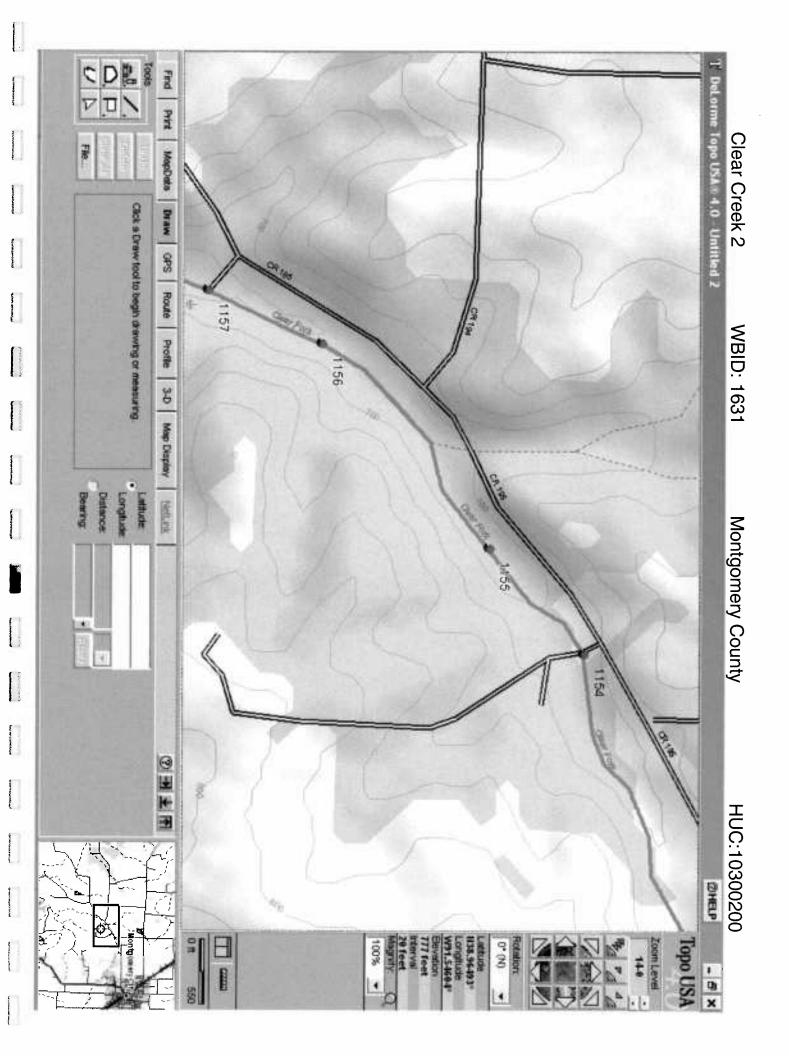
Downstream Coordinates: (WGS 84, ddd.ddddd) 38.95455 -91.55663

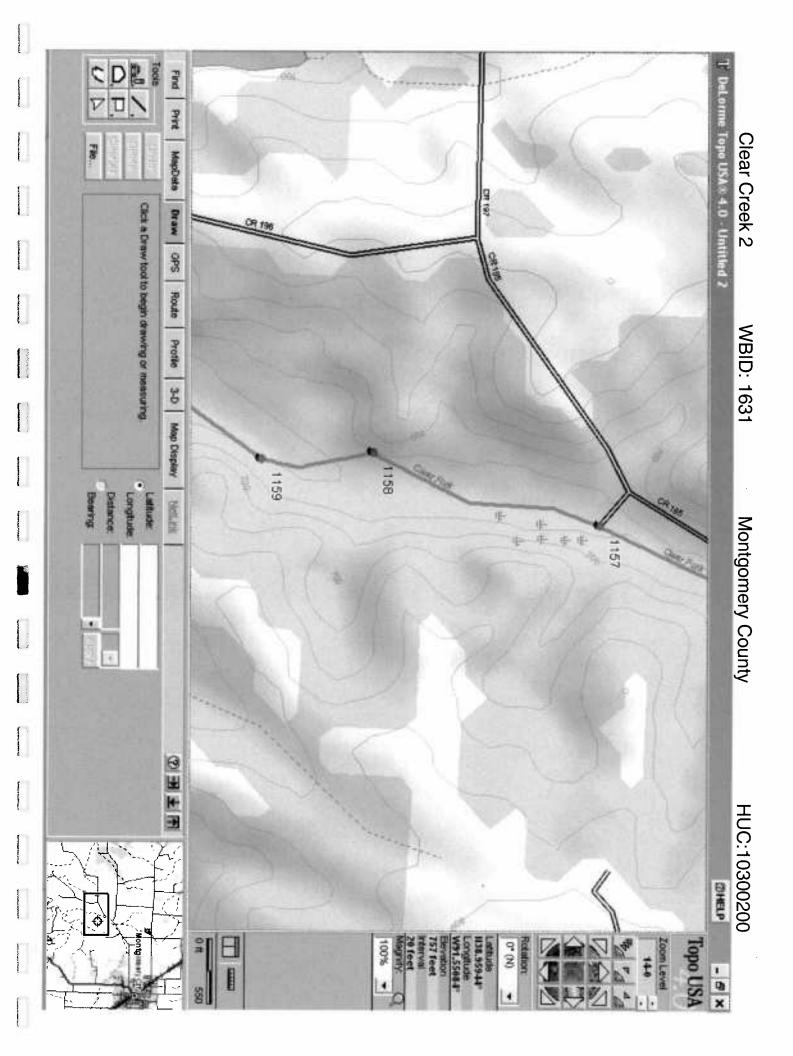
Current Weather Conditions: (IEAR+SUNNY ~ 70° F

Number of Sites Evaluated: 6

Name(s) of Surveyor(s): (OUN HILL, EDNAM) MOYE







WBID	#	1631	Site	#	1154	1
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Date: 10 / 06/ 2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(1	A separate Data S	heet	B must be completed	for each site)	
Latitude (ddd.dddd): 37	5.97060 °N			Arrival Time:	
Longitude (ddd.dddd):		W		\$ 15 50)
Photo Ids: Upstream:			ream: 05 78	Other:	
			00 /0		
Narrative Description	of Location: (Des	cribe	access point to stream, nea	rby roads, landmarks, etc.)	
Bricks (irussing a	+	Formal Ro	/	
	()		your are the	·	
Surrounding Condition	as*: (Mark all that p	romo	te or impede recreational u	ses. Attach photos of evider	ice or unusual
tems of interest.)	T				
☐ City/county parks	□ Playgrounds		MDC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	0)	National forests	☐ Nature trails	Stairs/walkway
☐ No trespass sign	☐ Fence		teep slopes	Other: Horse	tastine
T II Ol	1 ab .				
Human Uses Observed			C compa division		□ Water alriina
Swimming	☐ Skin diving		☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping		Fishing	☑ None of the above	Other:
Describe: (include numb	per of individuals rec	reatin	g, frequency of use, photo-	documentation of evidence	of recreational uses, etc.)
Evidence of Human Us	5 4* •				
Roads	☐ Foot paths/pri	nts	☐ Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites		☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
Other:	Camping one			2 M DES Blockings	
Li Other.					
Sources of Pollution: (e.g., trash dumping.	tires, o	drainages, discharges, etc.)		
_					
NOTE					

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Date: 10/0	03 Site # 11 8 / 700 P				
	Data	Sheet B - Site Ch	aracterization – 2 of	3	
Stream Morp Upstream	hology: View Physical Dim	ensions:			
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle					
□ Run					
⊠ Pool	25	3	25	0.15	0.25
Flow	Present?	X No	Velocity (ft/sec):		
Downstrea	m View Physical D	imensions:			
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle					
☐ Run					
		3	5	0.4	0.6
₽ Pool	<u> </u>				
Pool Flow	Present? ☐ Yes	⊠ No	Velocity (ft/sec):		
⊠ Flow		***************************************	Velocity (ft/sec):		
⊠ Flow	These values should ad	***************************************		ilt % Mud/Clay	% Bedrock
Substrate*: (40 % Aquatic Vege	These values should ad Cobble // % C	d up to 100%.) Gravel 40%		site)	

Odor:	☐ Sewage	☐ Musky	☐ Chemical	√ None	☐ Other:
Color:	Clear	☐ Green	□ Gray	□ Milky	☐ Other:
Bottom Deposit:	☐ Sludge	☐ Solids	Fine sediments	□ None	☐ Other:
Surface Deposit:	□ Oil	⊠ Scum	☐ Foam	□ None	☐ Other:

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^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # \(\(\sigma\) Site # \(\ldots\) Site # \(\ldots\) Date: \(\ldot\) \(\ldot\) \(\ldot\) \(\ldot\) \(\ldot\)	5
Data Sheet B - Site Characterization - 3 of 3	
Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).	1

WBID # $\frac{1631}{200}$ Site # $\frac{1155}{200}$

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): 3 Longitude (ddd.dddd):	O GLOCII			
Longitude (ddd.dddd):	00.16854		Arrival Time:	
	-91.54723		16:30	
Photo Ids: Upstream:	D	ownstream:	Other:	
. 657	?9	US80 	78.00	
rrative Description	of Location: (Des	cribe access point to stream, ne	earby roads, landmarks, etc.)	
APPROX 250) W Dornsto	EAM OF FARMA	AC RD.	
rrounding Conditions of interest.)	ons*: (Mark all that p	promote or impede recreational	uses. Attach photos of evider	nce or unusual
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	☐ Steep slopes	DO Other: FOREST	
man Uses Observed ☐ Swimming	d*: ☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	None of the above	☐ Other:
idence of Human U		reating, frequency of use, photo		
	☐ Foot paths/pri	nts Dock/platform	☐ Livestock Watering	☐ RV / ATV Tracks
	☐ Camping Sites		☐ NPDES Discharge	☐ Fishing Tackle
⊢ ∟ Kope swings			<u> </u>	,
☐ Rope swings ☐ Other:				

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	08 / 766 Dat	a Sheet B. Site C	h		
		a Sheet B - Site Ci	haracterization – 2	of 3	
tream Mor Upstream	phology: View Physical Din	aonaio			
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle					Depth (III)
□ Run					
Þ. Pool	250	4	30	00	-0.00
☑ Flow	Present?	No No	Velocity (ft/sec):	0,2	0.29
☐ Riffle	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
D:ea-	access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
□ Run					
Ø Pool	300	5.5	<i>F</i> •		
⊠ Flow	Present?	12 No	Velocity (ft/sec):	0,72	0,35
•	These values should add	l up to 100%.)	Sand 15 %s	Silt % Mud/Clay	/5 % Bedrock
45 %			growth at the assessmen		

	istics . (Iviaik ai	I that apply.)			
Odor:	☐ Sewage	☐ Musky	☐ Chemical	⊠ None	
Color:		<u>-</u>		None	☐ Other:
	Ø Clear	☐ Green	☐ Gray	☐ Milky	☐ Other:
Bottom Deposit:	☐ Sludge	☐ Solids	N/E:1		Li Other.
C. C. D.			Fine sediments	□ None	☐ Other:
Surface Deposit:	□ Oil	□ Scum	☐ Foam	>♥ None	D 04.
				> 15 140HG	☐ Other:

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WBID # 1631 Site # 1155

Date: 10 / 08 / 2006

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).	
	_
	_
	-

WBID	#	¥_	16	0.2	1	 _ ;	Site	#	1155
Date	,	g.e.	,	^	~	$\overline{}$,	

Date: 10 / 08 / 2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews
(Make additional copies as necessary for multiple interviews)

	ersonally used the	is water body for r	ecreation since 1975?	☐ Yes ☐ No
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	Other:
3. Have you obs	,	ing this water body	lease describe:	975? □ Yes □ No
☐ Swimming	☐ Skin diving	□ SCUBA diving	☐ Tubing	
				☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	⊔ wading	□ Dαθim -
☐ Wind surfing	☐ Kayaking ☐ Trapping	☐ Boating ☐ Fishing	☐ Wading ☐ None of the above	☐ Rafting ☐ Other:
☐ Hunting	☐ Trapping Thave you obser More than: 1 - 5 times	☐ Fishing ved it being used for times per year	□ None of the above or recreation?	
☐ Hunting How often	☐ Trapping I have you obser ☐ More than: ☐ 1 - 5 times ☐ Less than 1	☐ Fishing ved it being used for times per year per year	□ None of the above or recreation?	
☐ Hunting How often	☐ Trapping I have you obser ☐ More than: ☐ 1 - 5 times ☐ Less than 1	☐ Fishing ved it being used for times per year per year	□ None of the above or recreation?	

WBID # 163 Site # 1150

Date: 10 1 581 206

Field Data Sheets for Recreational Use Stream Surveys

`	_	heet l	3 must be completed:	ior ead			
Latitude (ddd.dddd): 34					Arrival Time:		
Longitude (ddd.dddd):	Longitude (ddd.dddd): 91.55339						
Photo Ids: Upstream:	0581 D	ownstr	eam: 0582		0ther: 658	3	
Narrative Description o	of Location: (Des	cribe a	ccess point to stream, nea	rby roa	ds, landmarks, etc.)		
Approx,	notely 2	80 5115	m upstr	90M	of Clea	er Fork Ln	
Surrounding Condition tems of interest.)		/					
☐ City/county parks	☐ Playgrounds	□м	DC conservation lands	ו ם נ	rban areas	☐ Campgrounds	
☐ Boating accesses	☐ State parks	□ N	ational forests		ature trails	☐ Stairs/walkway	
☐ No trespass sign	☐ Fence	□ St	eep slopes	X C	MOther: BESIDENTIAL		
Human Uses Observed	*:						
☐ Swimming	☐ Skin diving		☐ SCUBA diving		Гubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking		☐ Boating	<u> </u>	Wading	☐ Rafting	
☐ Hunting	☐ Trapping		☐ Fishing		None of the above	☐ Other:	
Describe: (include numb	Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)						
Evidence of Human Us	se*:						
☐ Roads	☐ Foot paths/pri	nts	☐ Dock/platform	□ I	ivestock Watering	☐ RV / ATV Tracks	
☐ Rope swings	☐ Camping Sites	3	☐ Fire pit/ring		NPDES Discharge	☐ Fishing Tackle	
☐ Other:							
Sources of Pollution: (e.g., trash dumping.	ires. di	rainages, discharges, etc.)				
TRASH DU		_					

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	\1	21 "				·
W	BID #	31 Site # 11 1 941 2000	5 μ			4
Da	ıte: <u> () / (</u>	<u>16/100</u>				
		Data	Sheet B - Site Ch	aracterization – 2 o	of 3	
St	ream Morp Upstream	ohology: View Physical Dim	ensions:			
		Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
	☐ Riffle		<u> </u>			
	□ Run					
		240	3	10,	0.20	0.35
	Flow	Present?	No No	Velocity (ft/sec):		
	Downstrea	m View Physical D	Dimensions:			
		Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
	☐ Riffle					
	□ Run					
	Pool Pool	260	3	20	0.3	0.5
	☑ Flow	Present?	₽No	Velocity (ft/sec):		
Su	ı <u>bstrate*:</u> (These values should ad	d up to 100%.)			
Su		(These values should ad Cobble // % C		Sand %	Silt % Mud/Cla	y // % Bedrock
	70 % quatic Vege	Cobble // % Cetation*: (Note amoun	Gravel // % nt of vegetation or alga	l growth at the assessme	ent site.)	
	70 % quatic Vege	Cobble // % Cetation*: (Note amoun	Gravel // % nt of vegetation or alga	l growth at the assessme		
A	70 % quatic Vege	Cobble // % Cetation*: (Note amoun	Gravel 10 % Int of vegetation or alga Floating	l growth at the assessme	ent site.)	

Odor:	☐ Sewage	☐ Musky	☐ Chemical	Ø None	☐ Other:
Color:	Æ-Clear	☐ Green	☐ Gray	☐ Milky	☐ Other:
Bottom Deposit:	□ Sludge	□ Solids	☑-Fine sediments	□ None	D-Other: Akga C
Surface Deposit:	□ Oil	□ Scum	□ Foam	5₄.None	☐ Other:

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WBID # 1631 Site # 1156	5
Date: 10 /08 / 7006	
Data Sheet B - Site Characterization - 3 of 3	
Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated uniconditions, problems in measuring, site relocation).	que local

WBID #_	1031	Site #	1156
	-		

Date: 10/08/2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C - Interviews

	(Make addition	al copies as necess	ary for multiple interv	views)		
1. Do you live i	n the area? □ You long have you		<u> </u>			
	rsonally used thi		creation since 1975?	□ Yes □ No		
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:		
	How often do you use it for recreation? G More than 5 times per year G 1 - 5 times per year Less than 1 time per year - please describe: 3. Have you observed others using this water body for recreation since 1975? No					
	ase check ALL t			975? □ Yes □ No		
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	Other:		
How often have you observed it being used for recreation? G More than 5 times per year G 1 - 5 times per year G Less than 1 time per year - please describe:						
4. Additional C	omments:					
Contact Inform Name:	ation (if willing	to provide):				

Address:

Telephone #:

WBID # | 63 | Site # | 1157 |
Date: 10 / 08 / 7006

Field Data Sheets for Recreational Use Stream Surveys

(A			ite Characterization B must be completed		
Latitude (ddd.dddd): 38	96196			Arrival Time:	
Longitude (ddd.dddd):_ (17
Photo Ids: Upstream:		Oume	теат:	Other:	
0588			0589	Cunci.	590
Narrative Description o	of Location: (Des	cribe	access point to stream, nea	rby roads, landmarks, etc	c.)
AT CLEAR +	fork LN	(R	e551Nb		
Surrounding Condition items of interest.)	s*: (Mark all that p	romo	te or impede recreational u	ses. Attach photos of evi	dence or unusual
☐ City/county parks	☐ Playgrounds		IDC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks		lational forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	□s	teep slopes	Other: RESIDENCES	
Human Uses Observed	*• 				
Swimming	☐ Skin diving		☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		☐ Boating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping		☐ Fishing	None of the above	
Describe: (include numbe	er of individuals rec	reatin	g, frequency of use, photo-	documentation of eviden	ace of recreational uses, etc.)
Evidence of Human Use	e*:				
Roads	☐ Foot paths/prir	ts	☐ Dock/platform	☐ Livestock Waterin	g RV / ATV Tracks
☐ Rope swings	☐ Camping Sites		☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
☐ Other:					
Sources of Pollution: (e.	g., trash dumping, ti	res, d	rainages, discharges, etc.)		
TRASH DUMPI	NG (059e				

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\mathbf{W}	BID #](c	53 Site # 11	57			4
		000/ 2006				
	(Sheet B - Site Ch	aracterization – 2 o	of 3	
	ream Morp Upstream	ohology: View Physical Dim	ensions:			
	, p. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
	☐ Riffle					
	□ Run					
	Pool	40	3.5	40	0.5	2.45
	₩ Flow	Present?	Ø No	Velocity (ft/sec):		
	Downstrea	nm View Physical D	imensions:			
		Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
	☐ Riffle					
	□ Run					
	LIKuii					
	Æ Pool	6	6	5	0.25	0.3
		Present?	6 A No	Velocity (ft/sec):	0.25	0.3
Su	Æ Pool	Present? ☐ Yes		Velocity (ft/sec):	0.25	0.3
^	Æ Pool	Present?	d up to 100%.)		Silt % Mud/Cla	
do :	₹ Pool Flow bstrate*:	Present?	d up to 100%.) Gravel 20%	Sand %	Silt % Mud/Cla	
,do :	Pool Flow bstrate*: 55 35% uatic Vege	Present?	d up to 100%.) Gravel 20% tt of vegetation or alga	Sand %	Silt % Mud/Cla	
Aq	Pool Pflow bstrate*: 55 35% quatic Vege Flocat	Present?	d up to 100%.) Gravel 20 % at of vegetation or alga Present	Sand %	Silt % Mud/Cla	

Odor:	☐ Sewage	☐ Musky	☐ Chemical	None	☐ Other:
Color:	🔯 Clear	☐ Green	□ Gray	□ Milky	☐ Other:
Bottom Deposit:	☐ Sludge	☐ Solids	Fine sediments	□ None	☐ Other:
Surface Deposit:	□ Oil	, Scum	☐ Foam	□ None	Q Other: Sheen

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WBID #_	1631	_ Site # _	1157
Date: 10	/ 08 /	7006	

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).				
	_			

WBID	#	1631	_ Site	#	1157

Date: 10 / 08 / 2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C - Interviews

	(Make addition	al copies as necess	ary for multiple interv	views)
1. Do you live i		Yes □ No lived here?		
•	rsonally used things check ALL t		creation since 1975?	□ Yes □ No
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
3. Have you ob:	G 1 – 5 times G Less than ————served others us	5 times per year s per year 1 time per year – p ing this water body	lease describe:	975? □ Yes □ No
	ase check ALL t		Tan.	T
Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading ☐ None of the above	☐ Rafting ☐ Other:
☐ Hunting	☐ Trapping	☐ Fishing	None of the above	U Other:
	G More than $1-5$ time	rved it being used 5 times per year s per year 1 time per year – p		
4. Additional C	omments:			
Contact Inform Name:	ation (if willing	to provide):		

Address:

Telephone #:

WBID # HSC Site # 1158

Date: 10 108 12006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

·	•		-			
Latitude (ddd.dddd): 38	3.95621			Arrival Time:		
Longitude (ddd.dddd):	-91.55615)		17:40		
Photo Ids: Upstream:	D D	ownst	ream: 0592	Other: Steep	Slope (0593)	
Narrative Description of	of Location: (Des	cribe	access point to stream, near	by roads, landmarks, etc.)		
A7710X 65	50 m Doc	γلر	near fir	om Clear Fork	In Rd	
	\sim					
Surrounding Condition tems of interest.)	is": (Mark all that p	romo	te or impede recreational us	es. Attach photos of eviden	ice or unusual	
☐ City/county parks	☐ Playgrounds	□ N	ADC conservation lands	☐ Urban areas	☐ Campgrounds	
☐ Boating accesses	☐ State parks		Vational forests	☐ Nature trails	☐ Stairs/walkway	
☐ No trespass sign	☐ Fence	Σ	teep slopes Photo 10	☐ Other:		
Human Uses Observed	*•		ı	T	7	
	☐ Skin diving		☐ SCUBA diving	☐ Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking		☐ Boating	□ Wading	☐ Rafting	
☐ Hunting	☐ Trapping		☐ Fishing	None of the above	☐ Other:	
Describe: (include numb	er of individuals rec	reatin	g, frequency of use, photo-o	documentation of evidence	of recreational uses, etc.)	
Evidence of Human Us	e*:	/"s				
☐ Roads	☐ Foot paths/pri	nts	☐ Dock/platform	☐ Livestock Watering	☐ RV / ATV Tracks	
☐ Rope swings	☐ Camping Sites	i	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle	
☐ Other:						
Sources of Pollution: (e	.g., trash dumping, t	ires, c	drainages, discharges, etc.)			
None						

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	33\ Site #	<u> </u>			4
ate: <u> 0 /</u>	<u>OG 1-2006</u> Data	Sheet B - Site Ch	aracterization – 2 o	of 3	
tream Mor _l Upstream	phology: View Physical Dim	ensions:			
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle					
□ Run					
☑ Pool	50	4	50	0.2	0.25
√ Flow	Present?	Ď-No	Velocity (ft/sec):		
Downstrea	am View Physical I		Longth (m)	Ava Donth (m)	Mor Donth (m)
	access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle					
☐ Run					
▶ Pool	120	7	1 20	0.4	0.6
Flow	Present?	√ No	Velocity (ft/sec):		
uhetrata*•	(These values should ad	d up to 100%)			26
	6 Cobble 30 %		Sand 5 %	Silt % Mud/Clay	Bedroc
	4.				EM 10-8-00
1	etation*: (Note amour			nt site.)	
Søn	no floating	algae ~20	5% 		
ater Char	acteristics*: (Mark al	l that apply.)			
Odor:	☐ Sewage	☐ Musky ☐	Chemical 🔎 N	None	

Odor:	☐ Sewage	☐ Musky	☐ Chemical	√ None	☐ Other:
Color:	Æ Clear	☐ Green	☐ Gray	Milky DS	☐ Other:
Bottom Deposit:	☐ Sludge	☐ Solids	Fine sediments	□ None	☐ Other:
Surface Deposit:	□ Oil	☐ Scum	☐ Foam	None None	☐ Other:

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^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 1631	Site #	1159
Date: (0)/ 0	8 / 7006	

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local onditions, problems in measuring, site relocation).						

WBID # 1631 Site # 1158

Date: 10 / 08 / 2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

	(Make addition	al copies as necess	ary for multiple interv	views)
1. Do you live i	n the area? □ Y long have you!			
	rsonally used this	_	creation since 1975?	□ Yes □ No
☐ Swimming	Swimming		☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
3. Have you ob	G $1-5$ times G Less than 1 served others usi	5 times per year s per year I time per year – pl	lease describe: for recreation since 1	
Swimming □	ase check ALL to Skin diving	nat apply: SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	Other:
	G More than $1-5$ times		for recreation? ease describe:	· · · · · · · · · · · · · · · · · · ·
4. Additional C	omments:			
Contact Inform Name:	ation (if willing	to provide):		

Address:

Telephone #:

WBID # 1631 Site # 1159

Date: 10 1 08 1 2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

			B must be completed:			
Latitude (ddd.dddd): 32	8,95435			Arrival Time:		
Longitude (ddd.dddd):	91.55663			17:50		
Photo Ids: Upstream:	0594	ownst	ream: 0595	Other:		
rative Description	of Location: (Des	cribe :	access point to stream, near	rby roads, landmarks, etc.)		
900 m	downstrea	m	of Clear to	rk in pd	crossing	
rounding Conditions of interest.)	ns*: (Mark all that p	promot	e or impede recreational us	ses. Attach photos of evider	nce or unusual	
☐ City/county parks	☐ Playgrounds	☐ Playgrounds ☐ MD		☐ Urban areas	☐ Campgrounds	
☐ Boating accesses	☐ State parks	☐ State parks ☐ National forests ☐		☐ Nature trails	☐ Stairs/walkway	
☐ No trespass sign	☐ Fence	☐ Fence ☐ Steep slopes ☐		Other: FOREST		
man Uses Observed ☐ Swimming	☐ Skin diving		☐ SCUBA diving	☐ Tubing	☐ Water skiing	
			☐ Boating		☐ Water skiing	
☐ Wind surfing	☐ Kayaking		☐ Fishing	None of the above	Other:	
Describe: (include num	☐ Trapping	reating		documentation of evidence		
idence of Human U	se*:					
☐ Roads	☐ Foot paths/pri	nts	☐ Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks	
☐ Rope swings	☐ Camping Sites		☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle	
☐ Other:						
	· · · · · · · · · · · · · · · · · · ·				· · · · · · · · · · · · · · · · · · ·	
arces of Pollution: (e.g., trash dumping,	ires, d	rainages, discharges, etc.)			

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WI	BID#	631 Site#	159				4
		08 1 2006					•
			Sheet B - Site Ch	naracterization – 2	of 3		
	eam Morp Upstream	hology: View Physical Dim	ensions:				
		Distance from access point (m)	Width (m)	Length (m)	Avg. D	epth (m)	Max Depth (m)
	☐ Riffle						
	□ Run						
	☑ Pool	870	(0	30	0.	55	0.7
	A Flow	Present?	Ø No	Velocity (ft/sec):		-	
	Downstrea	m View Physical I	imensions:				
		Distance from access point (m)	Width (m)	Length (m)	Avg. D	epth (m)	Max Depth (m)
	☐ Riffle						
	□ Run						
	⊠ Pool	900	2	5	0.7	75	0.34
	₽ Flow	Present? ☐ Yes	⊠ No	Velocity (ft/sec):			
Su	bstrate*: (These values should ad	d up to 100%.)				
	30 %	Cobble 30 %	Gravel 10 %	Sand 10 °	% Silt	% Mud/Clay	己 つ % Bedrock
Aq	uatic Vege	etation*: (Note amour	at of vegetation or alga	al growth at the assessn	nent site.)	1631	
	MINIMA	1L (5%) FW	*71~6 *1.6A	E PRESERT			
W	ater Chara	cteristics*: (Mark al	l that apply.)				
	Odor:	☐ Sewage	☐ Musky [☐ Chemical 🛛 🖾	None	☐ Other:	
	Color:	M Clear	□ Green 「	∃ Grav □	Milky	□ Other:	

Odor:	☐ Sewage	☐ Musky	☐ Chemical	None	☐ Other:
Color:	Æ Clear	☐ Green	□ Gray	☐ Milky	☐ Other:
Bottom Deposit:	☐ Sludge	□ Solids	☐ Fine sediments	□ None	☐ Other:
Surface Deposit:	□ Oil	⊠ Scum	☐ Foam	□ None	☐ Other:

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WBID #_	1631	_ Site # _	1159
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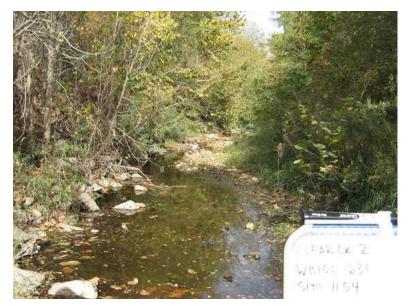
Date: 10 / 08 / 2006

Telephone #:

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)						
1. Do you live in the area? ☐ Yes ☐ No If so, how long have you lived here?						
2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No If so, please check ALL that apply:						
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:		
How often do you use it for recreation? G More than 5 times per year G 1 - 5 times per year C Less than 1 time per year - please describe:						
3. Have you observed others using this water body for recreation since 1975? ☐ Yes ☐ No If so, please check ALL that apply:						
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:		
How often have you observed it being used for recreation? G More than 5 times per year G 1 - 5 times per year G Less than 1 time per year - please describe:						
4. Additional Comments:						
Contact Information (if willing to provide): Name: Address:						



Site# 1154 Photo ID# 0577, Upstream



Site# 1155 Photo ID# 0579, Upstream



Site# 1154 Photo ID# 0578, Downstream



Site# 1155 Photo ID# 0580, Downstream



Site# 1156 Photo ID# 0581, Upstream



Site# 1156 Photo ID# 0583



Site# 1156 Photo ID# 0582, Downstream



Site# 1157 Photo ID# 0588, Upstream



Site# 1157 Photo ID# 0589, Downstream



Site# 1158 Photo ID# 0591, Upstream



Site# 1157 Photo ID# 0590



Site# 1158 Photo ID# 0592, Downstream



Site# 1158 Photo ID# 0593, Steep slope



Site# 1159 Photo ID# 0595, Downstream



Site# 1159 Photo ID# 0594, Upstream